Subject Code: BRE441  
Level: 4  
Contact Hours: ST:28 PW:126  
Student Effort Hours: 200  
Assessment Method: Coursework 100%  
Credit Value: 5  
Pre-requisites: BRE346  
Co-requisites: Nil  
Exclusions: Nil  
Subject Leader/Lecturer/Dept.: K.K. Lo (BRE)

### Subject Aim:

This subject is intended to:

1. Encourage critical investigation, analysis and synthesis in solving problems in the surveying professional context. It provides an environment for the student to develop skills in identifying and solving problems and allows the integration of knowledge gained in separate subject areas. It promotes the students’ understanding of interdisciplinary nature of the development process and develops team working.

### Learning Outcomes:

Students will demonstrate their ability to:

1. Understand the major issues involved in the development process for application and compliance.
2. Appropriately value the team work as an approach to tackle a project and problem-solving.
3. Integrate knowledge and skills acquired in various subject areas and to solve problems in the surveying professional context.

### Brief Syllabus Content:

A series of property related project scenarios will be set to replicate a situation which could be met in practice. Sometimes the restrictions of the study environment will require the scenario to be modified. The projects will require the students to make use of and integrate knowledge learnt from previous and current subject modules. Each project will include an element of group and individual work gears towards surveying professional disciplines. The projects require students to develop solutions creatively and to present recommendations systematically.

### Learning and Teaching Approach (tasks and activities designed to achieve learning outcomes):

The projects will provide a student centered problem-based learning approach in a professional or industrial setting. The projects will be delivered by a team of project tutors together with visiting lecturers who are practising professionals in the fields, with overall co-ordination by one member of staff to ensure continuity and relevance of project subject matter. Project material will be co-ordinated at the start of each academic year to ensure quality and consistency of the project information given to the students.

This subject will be timetabled one day per week for project work at studio and consists of 28-week activities throughout 2 semesters.

### Assessment strategy (assessment of student performance resulting from learning tasks):

The subject will be assessed on the coursework projects. Each project will contain tasks such that marks can be awarded 50% group work and 50% individual work.

### Reading List:

Construction Journals, Databases, Statistics and Module Texts